



## STUDENT GOES TO ARCTIC CIRCLE AS RADIO OPERATOR

Spends Three Months as Member of McMillan Expedition To Far North

### STORM DRIVEN FOUR DAYS

Kenneth M. Gold '29 Relates His Experiences Aboard Schooner "Radio"

"I woke up with water pouring into my bunk and all over the radio set, and with a feeling that somewhat resembled seasickness," begins the three months' diary of Kenneth M. Gold '29 of Course V, who shipped as radio operator on the schooner "Radio" of the McMillan Arctic expedition that left for the frozen circle in the early part of last summer. This brief opening sentence, written in a flooded cabin, gives one a good idea of the feelings of the tyro navigator in his first day out at sea June 25 off Wiscasset, Maine.

On the 110 foot schooner that carried supplies for the members of the expedition, Gold, who was selected from a large number of applicants for the radio operator's job on the ship, found himself thrown in with an amiable 28-year-old captain, a mate of corpulent proportions, a mixed crew of seamen, and the sons of three Chicago millionaires who sponsored the voyage through the Chicago Field Museum of Natural History. The "Radio" carried a year and a half's provisions for the members of the "Bowdoin," now up in the Arctic region seeking natural history specimens. The "Bowdoin" is not expected back before September of next year.

With rough water to greet the start of the expedition, the Radio, Bowdoin and Seiko, a thirty-foot motor boat, left Wiscasset on June 25 as scheduled, all headed for Dark Harbor, Me., for a final send-off. The supply schooner Radio, finding the seas too rough, anchored at Boothbay Harbor, where in taking stock of the first day's "casualties," the radio operator discovered that "the set of batteries which were to run the radio and which had not been thoroughly fastened down by the engineer, fell from the shelves when the ship heaved over in a big tide-rip, two cells breaking, all of them spilling acid and short-circuiting, and nearly causing a fire in the engine room." "We were forced to repair to Rockland, Me.," he continues, "to have the batteries fixed, but since we could spend only a few hours there the batteries were merely refilled, and the broken cells remained broken and leaking." This was only the first day's disaster.

The story of the three months' trip, from the day the Radio shoved off from the Wiscasset dock amid plaudits to the day it dropped anchor off Gloucester September 15, reads like a Conrad tale with all its salty tang and vigor of life on the high seas. The boat with its skeleton crew of ten men covered in the short space of time thirty-three hundred miles at an average speed of six miles an hour, many times being forced to heave to for repairs, while being buffeted by tempestuous seas. The Radio, a Boston fisherman schooner, although a sail boat, used its 120 horsepower semi-Diesel engine practically through the entire voyage.

Pushing through heavy seas and driving rain storms for four days and four nights, the battered boat finally

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### Directory Proofs Are Posted for Correction

Proofs for the student directory were posted Friday morning in the Main Lobby, Building 3—Bulletin Board 3-170, and the Walker Memorial Bulletin Board, where they will remain until Oct. 22 for verification. Students who find any mistake in their listing are expected to note the necessary correction on slips provided for that purpose.

No corrections whatever are to be made on the proofs. The checking is proceeding rapidly, a number of corrections having been already reported. Publication of the directory in finished form will probably be complete before the end of November.

*Beside Still Waters—  
Student's Arctic Home*



Schooner "Radio"

### Will Send Winter Season Schedule To Boston Alumni

### Graduates Asked to Buy Season Tickets Which Are Sent With Schedules

Season tickets and schedules for all the Varsity and freshman athletic contests at Technology during the fall and winter season will be sent to all the alumni living in the neighborhood of Boston by the end of this week. The season tickets, if desired, may be purchased at a cost of \$5.00.

This year the M. I. T. A. A. is making a special effort to increase the attendance both of the undergraduates and alumni at games. Heretofore this has been so poor that the opposing team often has had a larger number of supporters present than Technology at games played at the Institute.

By sending out season tickets and schedules in advance, the Athletic Association plans to rouse the interest of alumni and to give them sufficiently long notice of all the games to enable them to attend. It is hoped that the student body, and especially the fraternities and dormitories, will turn out in large bodies to back the Institute games.

It is being planned this year to have Varsity cheer leaders to organize the support of the teams. These men will probably be chosen from among those who serve as cheer leaders on Field Day, and will be given a chance to earn their numerals.

### TAU BETA PI HOLDS ANNUAL CONVENTION

Yesterday morning, at Columbus, Ohio, the annual convention of Tau Beta Pi, national honorary fraternity, was started. It will continue through today and tomorrow and will close tomorrow evening. John W. Chamberlain '28, who is representing the Institute chapter, left for Columbus on Wednesday morning.

Tau Beta Pi fraternity is one of the largest honorary fraternities in the country. To become one of its members a person must possess many sterling qualities. Primarily, the person must rate very high scholastically. In addition to this, however, two of the most important requisites are honesty and truthfulness. A good character, mentally and morally, is therefore required in gaining admission to this exclusive fraternity.

Each year a convention is held at some place where delegates from all the different chapters assemble together. Much of the time at these conventions is spent in discussing the different government systems as conducted at the various colleges and universities. Such topics as student government, honor systems, and school management are greatly discussed at the conventions.

## ADVANCED R.O.T.C. TERMS EXPLAINED BY COLONEL CLOKE

Students Have Misunderstood The Advanced Course Requirements

### MUST FILL 50 VACANCIES

Institute Formerly Filled 30 Percent of Quota For New England

Some misunderstanding as to the qualifications necessary for enrollment in the Advanced Course of the R. O. T. C. has existed in the minds of some students who would like to enroll, and having come to the attention of Col. Harold E. Cloke, head of the Department of Military Science, it is thought that some explanation might serve to clear up the situation for these students.

As a general rule, it is required that a student shall be in the upper half of his class in scholastic standing, but if, in the opinion of the professor in charge of his Institute course, he will graduate from the Institute, he is then eligible to enroll.

During the past year Technology men have filled more than 30% of the quota for the entire New England Corps Area: last year 1,181 students, Technology had 365. Due to the fact that in the class of 1926 there were 210 men in the Advanced Course who graduated and received commissions in the Reserve Corps, a rather larger number of vacancies have existed than at any previous time, of which 50 have still to be filled.

The insistent demand of the other

(Continued on Page 4)

### HOLD TRYOUTS FOR TECH SHOW CHORUS

Music and Lyric Writers Also Meet Tomorrow Night

Chorus tryouts for new candidates for Tech Show will be held in North Hall, Walker, tomorrow and Wednesday nights at 7:30 o'clock, while chorus tryouts for the old men will be held Thursday night at the same time and place. It is not necessary for students to have signed up for the chorus previously to enter the tryouts.

Music and lyric writers will also hold their first meeting tomorrow at 7:30 o'clock when Charles Scranton, musical director of the show, will be present. It was emphatically stated at the Show office that no experience was necessary in starting this work. No date has so far been set for cast tryouts, but the time and place will be announced Wednesday.

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Official News  
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### WHERE ARE THE SOPHOMORES?

**R**ULES can be made, but they are of no consequence unless enforced. When the freshman rules committee drew up the regulations that were to affect every 1931 man, they made seemingly adequate provisions for the enforcement of the few rules that they set down. As yet, one can not attack the proposed system of enforcing the rules, for the undergraduates have not lived up to their share of the bargain, which otherwise would have placed the judicial system in full operation.

Most of the freshmen have obeyed the simplest and easiest rule; to wear the cardinal and gray tie. Why shouldn't they want to wear it? As to the remaining rules, they have not as much as made an attempt to carry them out. The undergraduates are sitting back in their chairs surprised or perhaps amused once in a great while by a meek "Hello" from a freshman. It is surprising at the few freshmen that have been reported as offenders. The small number reported should indicate that the rules were a wonderful success and that all one could hear about the Institute buildings were shouts and cries of "Hello," and freshmen challenging undergraduates for not returning their greetings. As we all know the scenes are much different than those pictured. On the approach of freshmen, undergraduates pass by indifferent and aloof just as in the past when rules were unknown. Freshmen need to be taken care of; they are young and frail, and their judgment of student problems is that of a child. They can not realize how severely you may punish them when you lose your dignity and become angered.

These words are not intended to frighten the freshmen, for they have been at the Institute long enough to know better; however, they are directed toward the upperclassmen, with the Sophomore class underscored. It is supposed that you understand your share in the bargain. Are you going to let the Class of 1931 joke with you. Report every one of them. It is simple enough.

### Charles River Basin Was Once Broad Waste of Useless Tidal Marsh Land

#### Present Dam Built After Fifty Years of Agitation By Boston Public

So long has the present Charles River Basin been taken as a matter of course by Technology students that seldom do they realize the fact that the river in its present condition is purely an artificial creation. It has really been little more than eighteen years since the Charles was only a narrow stream, polluted with sewage, and rising and falling with the tidal movements of the Atlantic Ocean.

Toward the end of last year Milam F. Tandy '28, carried on considerable research concerning the history of the basin, and submitted a resume of his study as his final report in E33. Much of the material in this story has been taken from Tandy's report.

Before the last glacial period the Charles was not in its present position, but flowed instead through Back Bay and South Boston, with its outlet in the Boston Harbor. Then through some one of Nature's mysterious changes, its course was diverted, and the stream was forced to cut the channel that it now follows. As it was a tidal estuary of the ocean, there was a constant change of surface level, the decided disadvantages of which are quite obvious. At high water it was simply a part of the sea, and at low tide became a useless mud flat, from whose surface rose disagreeable marsh gases.

Sewage was passed into the stream constantly, as the continual ebb and flow offered a simple means of disposal, and an extremely offensive expanse was thus created during low

tide. But not until 1859 did the Boston public become sufficiently incensed to order an investigation of the problem, hoping for an immediate solution.

By 1901 the legislature was ready

to begin to take action. A committee

made a three-year investigation, with

the result that the Charles River Dam

was soon begun, and at last completed in 1909. In order to care for

the storm drainage that formerly

flowed through brick sewers below the

new basin level, a marginal conduit

was constructed for the entire length

of the Boston side of the river, emptying

finally into the Boston Harbor.

An interesting scientific outcome of

the construction of this conduit was

brought to light by Tandy's investigation.

When the brickwork on the

conduit was being done, water-tight

steel sheet-piling was driven on either

side of the trench, forming a very

satisfactory cofferdam to exclude from

the trench all ground water from the

basin nearby. This sheet-piling was

not removed at the end of the work,

but instead covered over with earth

during the final fill.

In the period following the opening of the new conduit, it has been

found that, throughout the region just

behind the line of sheet-piling, all

wooden piling in the foundations of

buildings has begun a very noticeable

decay, from the pile caps down part

way into the ground. Tandy proved

that the cofferdam had excluded a

considerable part of the normal ground

water that formerly flowed in from

the Charles, and that in all the buildings

there had taken place a serious

decay from lack of water that would

eventually make all such buildings

totally unsafe and unfit for use.

### AS WE SEE THE MOVIES

### METROPOLITAN

Anniversary Week—the second of its kind—holds forth at the Metropolitan Theatre this week. The big Boston house is celebrating its own birthday with an elaborate stage show, said to be the biggest in months, and Richard Dix's new melodrama of the Far East, "Shanghai Bound." Two productions grace the stage—"Rubinstein Melodies," with the Grand Orchestra, the Metropolitan corps de ballet, and a tableau featuring Marguerite Ringo, operatic soprano, and other artists, visualize the overture, while a Jack Partington production, featuring, as usual, Gene Rodemich and the stage band, precedes the picture. "Dixieland" is the title of the revue, and its cast includes Joe Penner, lately the feature of the Greenwich Village Follies, and many other "names" of the musical comedy stage.

China, its internal warfare and strife, gunfire mingling with heart-throbs and sensationalism, forms the locale of the picture, "Shanghai Bound," declared by the Paramount organization to be the greatest vehicle ever given the handsome star. To say merely that China forms a good locale for a story is putting it mildly, for the world has been aroused by the havoc that has been wrought there by battling armies. Every newspaper reader is following the story of China, now in the making. With that idea in mind, "Shanghai Bound" is a most timely attraction. Edward S. ("Tex") O'Reilly, former member of the International Police Force at Shanghai, and late drillmaster of the Chinese Imperial Army, wrote the original story, one based almost entirely on fact. It was adapted to the screen by John Goodrich and Ray S. Harris.

Dix plays a captain of the Yangtze River steamer in the picture, and his efforts to take a cargo of American refugees down the river to Shanghai, and safety, form the skeleton of the plot. Miss Brian is the American girl Dix saves. "Shanghai Bound" is one of the best pictures which we have seen in Boston for months. It combines the acting of two talented stars in a real plot with plenty of action. It is one of the few pictures which Dix has played in a more serious role and he proves himself to be decidedly capable of it.

An Arthur Martel organ solo, an ink bottle comedy, and "Dixieland," featuring the world's pre-eminent saxophonist, Rudy Wiedoeft, complete the week's program.

### FENWAY

Manned by officers so cruel that the crew runs away the first time they get into port, the Golden Bough, or more commonly the Blood Ship, is forced to buy a "Shanghaied" crew to set sail again. Among the crew bought in San Francisco there is a young sailor in love with the captain's daughter, a preacher, and a hardened, middle-aged, mysterious seaman. The latter is a man who has spent 15 years in prison for a murder committed by the captain of the Blood Ship and the story of his revenge makes an unusually gripping photoplay.

"The Gingham Girl" deteriorates from a program which with its omission would be excellent. A preposterous story of the little country girl who baked such fine cookies and a city "sheik," entranced by her eyes, who finances a large cooky bakery plant for her. The country boy whom she loved but who went astray in the city until the end, when he returns to her with money enough to buy out her financier.

### THE TECH BOOK LIST

JOHN PAUL JONES: MAN OF ACTION, by Phillips Russell. New York, Brentano's. \$5.00.

A little less than a year ago, the columns of THE TECH contained an editorial on the "new" biography, the purport of which may be summed up in this quotation: "To tear away the shimmering veil of romantic hero worship is a fine gesture in behalf of truth; but where truth is unnecessary and even positively undesirable, why overdo the matter?"

This criticism was made of several of the so-called "new" biographies, notably "Helen of Troy," "Galahad" and "Washington." Viewing in this light the new biography by Phillips Russell—that of John Paul Jones—we notice immediately that the evil of which we speak is conspicuous by its absence. In "John Paul Jones: Man of Action" we have the highest type of biographical literature.

The predominant note of this work is sympathy and restraint. It is the sympathy that arises from understanding, the sympathy of mind for mind, the sympathy which recognizes

in the admirable qualities of another, some approximation to the ideal, the sympathy uncondoning, that overlooks another's shortcomings. In short, it is a sympathy which is effectively yet not detrimentally restrained. Phillips Russell stands out vividly, in the field of biographical writers, as a man who is not carried away by emotional frenzy, nor personal opinions: a most commendable virtue.

So John Paul Jones is re-created for the interested reader. Once more this commander courageous sails the seas bringing victory after victory to the new-born States. Once again we see the gallant fights that made the United States a power on the seas, making possible the winning of the Revolutionary War. We get an intimate picture of this fastidious hero of the sea, whose outward sang froid completely masked the sensitive nature below.

While from a naval strategic standpoint, his life was a tremendous success for the flag under which he sailed; from his own viewpoint, his life was a colossal failure. The evidence as presented seems to point conclusively to the fact that his secret ambitions were never realized.

John Paul Jones is a character well knowning more about Phillips Russell is a writer who knows how to portray the life in a vivid, human, often humorous, always sympathetic manner. "John Paul Jones: Man of Action" is the book.

F. L. M.

### Play Directory

STAGE  
COLONIAL: "Vanities."—Isn't that enough.

COPLEY: "Murray Hill."—Best comedy in town.

HOLLIS: "Wooden Kimono."—Heartless thrills.

MAJESTIC: "Gentlemen Prefer Blondes."—Opens tonight.

PLYMOUTH: "Broadway."—Night club stuff.

REPERTORY: "Pleased to Meet You."—You will be pleased.

SHUBERT: "The Circus Princess."—A gorgeous show.

ST. JAMES: "Applesauce."—An old comedy success.

TREMONT: "Honeymoon Lane."—Best musical play in town.

WILBUR: "Crime."—But it is not a crime.

SCREEN  
FENWAY: "The Blood Ship."—Reviewed in this issue.

METROPOLITAN: "Shanghai Bound."—Reviewed in this issue.

STATE: "What Price Glory."—What more can we say.

STAGE  
COLONIAL: "Vanities."—Isn't that enough.

COPLEY: "Murray Hill."—Best comedy in town.

HOLLIS: "Wooden Kimono."—Heartless thrills.

# HUSKIES TROUNCE ENGINEERS IN SOCCER

## Hardy, Brockelman and McCarthy Are Stars of First Handicap Meet

### NORTHEASTERN PLAYS FAST GAME TO WIN, 5-0

Northeastern's huskies easily triumphed over Technology's soccer team by the one-sided score of 5 to 0. The huskies, led by Howard, who scored three goals, easily penetrated the Cardinal and Gray's defense by their baffling passing attack. Burton and Sampson scored the other two goals. On several corner kicks Technology's team came within an inch of scoring, but Northeastern was always on the watch. Ventura, Sparre and Cooper played a good game.

#### First Period

At the opening kick Northeastern got hold of the ball and worked it down the field. One of the Cardinal and Gray backs got it away from the Northeastern men and worked it down to the other end of the field. This happened several times until one of the Engineers kicked the ball behind his own line. Burton kicked the corner and Howard neatly passed it through Sparre's hands for Northeastern's first score.

For a few minutes after this score it looked as if Technology was going to take the offensive as they worked the ball down the field time and time again. During this period the right side of the offensive did most of the work and Ventura came within an inch of scoring when he kicked the ball into the goal tender's hands. After this attempt at scoring, Northeastern got hold of the ball and worked it down the field. The ball changed hands several times until Burton managed to sneak a hot one into Sparre's hands. Sparre dropped it and Burton immediately kicked it through the goal for the second score of the period.

A few minutes later one of the Huskies kicked a ball behind their own goal line and Baroudi kicked a corner which hit one of the goal posts, but as luck would have it would go in. A short time later Howard shot another one through the Huskies and that ended the scoring for the period. Throughout most of the period the ball was in Technology territory.

#### Second Period

Hess, a Northeastern man, was hit in the face early in the second period and was taken from the game because of a cut on his face. Foster was substituted for Hess. During the first five minutes of the period the ball kept changing hands and ran up and down the field several times. Soon after this, Howard scored his third and last goal after working the ball down the field. Immediately after this, Technology should have scored when they had a penalty kick. However, Mong kicked it right into the goal tender's hands and it was immediately kicked to the middle of the field. About five minutes later Sampson snapped a shot across the Technology goal. The ball hit the top of the goal post and bounced in just out of Capt. Sparre's reach. That ended the scoring and nothing of importance was done after this, the ball being worked up and down the field several times.

As a whole the Engineers played a good game as they were up against a group of experienced players, but they put up a good fight. It seemed as if they could not take advantage of the breaks, however, missing two chances

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#### Sports Desk

Two of M. I. T.'s future opponents in cross country went down to defeat last Friday, Holy Cross taking the dust of Harvard to the tune of 19 to 38, while Tufts took second in a triangular meet with Boston University and Northeastern. Fitzpatrick of Holy Cross and Johnson of Tufts were the stars on their respective teams, each taking a second place.

### MANY TURN OUT FOR FIRST TRACK MEET

#### Freshmen Show to Advantage On Cinders—Sophs Strong In Dash

Under perfect weather conditions the first handicap track meet was run off in fine style Saturday with a large number competing. J. A. McCarthy, Institute record holder in the javelin, got out a heave of 168 feet, Bernard Brockelman cleared 5 feet 10 inches in the high jump, and a freshman, Horsie Hardy ran wild and scored in four events for a total of seventeen points.

In the freshman 150 yard dash the yearlings looked good especially Orleman, who won, and Broder, who came up from scratch to take third place. However the Sophs showed that they are to be reckoned with on field day by taking four out of the five places in the Varsity dash. Henry Addison, a second year man broke the tape in this race.

Fred Ladd, who also placed in the dash, won the 400 yard run in the very good time of 47.2 seconds. Irvine Ross '30, won the 45 yard hurdles over Hardy and Celette. Howard Barrington took the laurels in the 70 yard low hurdles while Hardy turned the tables on Ross and nosed out the Sophomore for second place.

Horsie Hardy was the star in the field events, winning the shot with a heave of 39 feet 4 inches and taking second to Horton in the discus. Joe Brodsky, took second in the shot and third in the javelin. Miley Ziller, with the aid of a seven inch handicap, took first in the high jump, and J. A. McCarthy won the javelin.

150 yard dash (freshman)—Orleman, Person, Broder, Mood, Walker. Time 15.3 sec.

150 yard dash (Varsity)—H. A. Addison, Barbour, R. F. A. Ladd, Jr., R. J. Bowley, Edlund. Time 14.3 sec.

45 yard high hurdles—J. E. Ross, Hardy, Celette. Time 7 sec.

70 yard low hurdles—H. Barrington, Hardy, I. E. Ross, Celette, Lodge. Time 9.2 sec.

400 yard run—F. A. Ladd, Lodge, Gonzalez, Roberts, Terry. Time 47.2 sec.

High jump—M. O. Ziller, Brockelman, J. C. Steele, Sullivan, Costello. Height 6 ft. 1 in.

Shot put—Hardy, J. Brodsky, Mintz, Martini, E. A. Riger. Distance 39 ft. 4 in.

Javelin—J. A. McCarthy, Walker, J. Brodsky, Willcutt, Delorenzo. Distance 168 ft.

Discus—C. Horton, Hardy, P. Martini, J. A. McCarthy, Roger. Distance 116 ft. 3 in.

### SWIMMERS TO BEGIN WORK IN FEW WEEKS

#### Lose But One Regular From Last Year's Varsity Team

A mass meeting will be held within the next two weeks for all men interested in swimming so that practice at the University Club may start immediately following Field Day. The freshman schedule has already been made up and Manager Ray Underwood hopes to see all freshman swimmers turn out. There is also an opportunity for several good divers.

Russell Dean will be back on the job to coach the freshman and Varsity teams. The winter season has a bright outlook with the same Varsity team as last year with one exception. The veteran Johnson graduated last June, but as there is plenty of material from last year's frosh team to choose from the Varsity should be stronger than ever before.

Captain Grover is in fine form and is expected to carry off most of the honors. Torchio of last year's frosh team is a powerful swimmer and may take Johnson's place on the Varsity. He has a close competitor, however, in Jarosh, last year's frosh captain, who is expected to clean up in the 440-yard swim and in the backstroke.

### TENNIS TOURNAMENT ENDS FIRST ROUND

Today is the last opportunity for men entered in the tennis tournament to play off their first round matches. The first round of the tournament was originally scheduled to be finished by Saturday, Oct. 15, but because of the large number of men who were unable to arrange their matches before that date the time was extended till today. Those who fail to play off their matches today, if they have not already done so, will be automatically defaulted.

The time limit for completing the second round, Oct. 21, has not been changed and all second round matches must be played off before that date under penalty of default.

### FROSH ELEVEN DOWNED BY NEW BEDFORD TEAM

Playing their first game of the season Saturday afternoon the freshman football team gave a fairly creditable performance on Sargent Field at New Bedford, in a game with the vocational school. Although losing, the score of 22-0 does not truly show the type of game the frosh put up.

In the first quarter the New Bedford outfit started off with a smash. The initial score of the game came when Santos of the "Vokes" broke out for a touchdown putting the frosh in the hole for six counts. This seemed to open a habit for the Whalers of making a score each quarter.

Working together a little better in the second period, the frosh line seemed to have their opponents baffled. Some of the pretty playing of the game was the way the yearlings squashed end runs. In fact, these were made an advantage for the frosh by the way Garrett, left end, was throwing the runners behind the line.

Cruz, New Bedford's colored star, made the second score of the game toward the end of the half, and with the kick raised the tally to thirteen. The substitutes put in by Coach Silva braced the team to holding the others through the rest of the half and the whole next quarter. New Bedford's score in the third was a field goal by Santos.

Making the last period worth watching was the wonderful holding of the yearling line. Throughout the quarter the exchanging of kicks brought the ball to the frosh two-yard line. Holding the rush the frosh took the ball and just missed first down. The frosh again held the rush for three downs but missed on the last. A vertical pass, almost a freak, going straight up and down put the ball over the line to Cruz for New Bedford's final score. The game ended with a score of 22-0 for the Whalers.

Both the frosh line and the backfield played a fine game for the practice they have had. Ford, who did the kicking for the team, and has been getting a thirty-five yard average in practice, seemed off form, for he could not stand up to Santos, and

the punting gave the New Bedford outfit an advantage.

#### NEARLY TWO HUNDRED MEN OUT FOR CREWS

#### Sixty Frosh and Many Varsity Candidates Report Daily

With considerably more than a hundred and fifty men reporting daily to the boathouse for practice, Coach Haines is looking forward to the most successful year in the history of the sport at Technology. Beside this large number of candidates for the various crews, there are some fifty or more men who show up only spasmodically, and of whom he hopes to interest many sufficiently to get them out regularly for practice.

Experienced varsity candidates and the best of the frosh and Sophomore Field Day crew candidates have been going out on the river in the shells in the mornings, while in the afternoons the beginners are taken out in the barge.

Varsity prospects for the coming season are excellent, with every member of the past season's varsity back except Dolben. Coach Haines has divided his veterans and the best of the varsity candidates into two crews, and will put the outfits against each other for some time, in order to get the best out of each man, regardless of whether he is a letterman or not. Time trials will probably not be held until next spring.

Field Day crew candidates include the majority of the men at the boathouse, among them being about sixty freshmen. The Sophomores hold the natural advantage of a year's work together, but the excellent material in the ranks of the frosh promises plenty of competition for the second year men. Final selection of the two crews will probably not be made until less than a week before the big race. In the meantime, many beginners continue to show up every week, and the facilities of the boathouse are taxed nearly to capacity.

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(Continued from Page 1)

visits to this part of the building. It would be impossible for anyone to succeed in reaching the inner wallsafe without being apprehended. The burglar alarm, being built into the building, cannot readily be tampered with. The frequent visits of the watchmen forestall any attempt to blast through the re-enforced concrete walls of the vault. The strict standards by which the trusted employees are chosen precludes the possibility of an "inside job" being done.

No other avenues of approach are open. Therefore, when you pass your money in through the cashier's window, be sure to bid it a fond farewell. It's gone for good—try and get it back!

## CATHOLIC CLUB HEARS U. S. SENATOR WALSH

### Talks on "Concentration Of Individual Activities"

Approximately 100 students were present at the first supper meeting of the Technology Catholic Club held in North Hall, Walker, on Friday evening at which the principal speaker was United States Senator David I. Walsh. The chaplain, Father Quinlan, also addressed the club, as did the president, James Cullen '28.

Senator Walsh gave a talk on the subject of "Concentration of One's Individual Activities." He stressed both the case of "too much play and not enough work" and its opposite, illustrating practically every point with stories of actual cases that have come before his attention. The Senator's talk was all the keener listened to because of the fact that he made a hurried trip from New York in order not to disappoint the club.

Following the talks of Senator Walsh, Father Quinlan, and James Cullen, an informal business meeting was held and plans for the coming year were discussed. It was announced that there would be an acquaintance dance with St. Cecilia's Club on Wednesday evening, but as yet no definite time has been fixed for the annual fall dance.

### CATHOLIC CLUB DANCE

There will be a joint dance with St. Cecilia's College Catholic Club on Wednesday evening at St. Cecilia's Hall. All members of the club are invited to attend.

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### Require Physical Exam For Field Day Teams

All candidates for the Field Day teams who have not yet had their physical examinations are urged to report to the Medical Department sometime this week, because anyone who has not will not be permitted to enter competition on Field Day. In fact, no one is allowed to enter any athletic competition at the Institute unless he has passed his physical examination.

Already 604 men out of a possible 1000 have been passed by the Department. This is a greater number than has been passed in any previous year up to this time.

## ADVANCED R.O.T.C. NOT YET CLOSED

### Military Science Department Will Take Applications Rest of Week

(Continued from Page 1)  
colleges in the Corps Area for a larger allotment of students for the R. O. T. C. makes it necessary that if Technology is to continue to receive the large appropriations it has in the past, these vacancies must be filled. The advantages accruing to the men who have elected the Course are many and varied, not the least of which is the financial return involved.

For the two years of the Advanced Course, the government pays the student approximately \$110.00 each year in quarterly installments, furnishes the uniform, and gives the student a six weeks enjoyable stay at camp, with fare paid both ways and all expenses paid, and upon his graduation is eligible to receive a Reserve commission.

The great demand for technically trained officers in the more scientific branches of the army was most evident in the recent war. Most of the courses at the Institute afford an excellent preparation for the scientific training of an officer in a technical arm of the service. Accordingly the military training given here is so designed to prepare men for any of the following branches: Coast Artillery, Air Service, Engineers, Signal Corps, Ordnance, and the Chemical Warfare Service.

There is still opportunity for students to enroll in the Advanced Course in any of these units, and the Military Science Department will receive applications all this week. Even though three weeks have passed, it will not be too late for all those who are interested to register. The Professor of Military Science and Tactics will be glad to see students who may want information or advice. The office, Room 3-310, is open daily from 9 to 5 o'clock.

### Fall And Winter Athletic Schedules

#### BASKETBALL—VARSITY

Dec. 3—New Bedford Home  
Dec. 10—Brown Home  
Dec. 16—Dartmouth Home  
Jan. 7—Fitchburg Normal School Home

Feb. 25—Brown Away  
Mar. 2—Cambridge Latin Away  
Mar. 8—Brookline High School Away

Mar. 17—Newton High School Away

#### HOCKEY—VARSITY

Jan. 7—Yale Away

Jan. 14—Wesleyan Home

Jan. 17—Northeastern Home

Feb. 14—Union Away

Feb. 15—West Point Away

Feb. 18—Providence College Home

Feb. 22—Harvard Away

Feb. 25—Tufts Home

Mar. 3—New Hampshire Home

Mar. 7—Boston University Home

Feb. 25—Brown Away

Mar. 2—Cambridge Latin Away

Mar. 8—Brookline High School Away

Mar. 17—Newton High School Away

#### VARSITY—SOCCER

Oct. 15—Northeastern Away

Oct. 22—Worcester Away

Oct. 26—Bradford Home

Oct. 20—Clark Away

Nov. 5—Springfield Home

Nov. 15—Harvard Home

Nov. 19—New Hampshire Away

Nov. 23—Army Away

#### FRESHMAN BASKETBALL

Dec. 3—Open.

Dec. 10—Charlestown Boys' Club Away

Dec. 17—Boston University Away

Jan. 7—Brown Away

Jan. 14—Open.

Feb. 11—Open.

Feb. 18—Dean Academy Away

Feb. 22—Harvard Home

Feb. 25—Tufts Away

Mar. 3—Tilton School Home

#### WRESTLING—VARSITY

Jan. 20—Tufts Away

Feb. 11—Brooklyn Home

Feb. 18—Brown Home

Feb. 25—Springfield Home

Feb. 29—Harvard Away

Mar. 4—Norwich Away

Mar. 10—Open.

Mar. 17 and 18—New Englands.

#### VARSITY SWIMMING

(See box on page 3 of this issue)

**FRESHMAN SWIMMING**

Jan. 7—Boys' Club of Boston Away

Jan. 14—Exeter Away

Feb. 11—Worcester Academy Away

Feb. 15—Huntington High School Away

Feb. 18—Malden High School Away

Feb. 22—Boston University Away

#### VARSITY BOXING

Feb. 11—Open.

Feb. 18—New Hampshire Away

Feb. 25—Penn State Away

Mar. 3—Fordham Away

Mar. 11—New Hampshire Home

Mar. 15—Intercollegiates Phila.

## Student Goes To Arctic Circle As Radio Operator

### Has Icebergs as Companions Field Museum Is Sponsor

(Continued from Page 1)  
neared Sydney in a dense fog (the horn going every minute) on the morning of July first. With skilful piloting, the Radio slipped through the lanes of steamers in Sydney harbor and lowered anchor in front of the wharf at which lumber and provisions were to be taken aboard for the scientific station. "At daybreak on the fifth, we hove up anchor and proceeded out of Sydney harbor, and after clearing the last buoys set our course for Cape Ray, Newfoundland, which we passed in the afternoon and headed for the coast of Labrador."

"My first sight of Labrador," writes the embryo seaman, "was not very impressive. The rocky coast of Fortau Bay was lined with fishermen's huts, a few fishing schooners at anchor; howling, starving, wolf-like huskies caged in like wild animals, salt-fish drying on all sides of the dirt hovels, and a Grenfell mission house in the center of the village." Another two days of tide-rips and occasional smooth water, found the little boat in the path of huge icebergs, several of which were as high as two hundred feet and covered an area of a hundred thousand square feet. And all the way up the coast, ice-floes and icebergs were the only companions of the intrepid crew, while the Bowdoin carrying seven scientists besides MacMillan and the motorboat Seeko followed a hundred miles behind as a precautionary measure in case the Radio grounded or hit any bad squalls. Fortunately, the only trouble encountered was rough weather and a slight dissatisfaction among the members of the crew. A week of lonely existence on board the vessel put every one in an irritable mood. This feeling, though, soon disappeared, but returned the last two weeks of the trip homeward.

"We finally dropped anchor at Indian Harbor, Ailik Bay, and after searching for hours among beautiful evergreen covered islands, we found Hopedale in the early evening of the 18th. The island was the prettiest picture of the whole trip, wonderful wooded islands rising out of narrow twisting bays. This was the first Eskimo settlement we encountered, which was founded and maintained by the Moravian missions. They all came out to meet us in their motor boats (there are no longer kayaks in the Labrador) and we were surprised that most of them could speak English. The next day the Ungava arrived, and on the 20th the Bowdoin came in. We left next morning for Nain, our objective, and while looking for Ford's Harbor we got lost in the neighboring islands and were obliged to spend the night in a place called Dark Bight. That day we came across some whales, the small black Grampus, from 20 to 25 feet long, some of whom came right under our bow. At Dark Bight, we picked up an Eskimo pilot, who gave us his services in return for the pas-

sage of the whole village (about 10) to Nain. At noon of the next day, we dropped anchor at Nain. We were the first boat to reach there since last September. The people were disappointed to find that we were not their supply boat. Bowdoin arrived one hour later, with the Seeko."

After cruising around for several days, Captain MacMillan found a good site for the supply station on an inland bay 20 miles from Nain and less than 200 miles from the Arctic Circle. Here the lumber and cargo were discharged, and the supply ship Radio was ready to leave for home after one week. However, the stay at Bowdoin Harbor was extended to six weeks before the Radio set sail for home, owing to the many expeditions that were made in the vicinity to collect natural history specimens for the museum.

(To Be Continued)

## ANNOUNCE TECHNIQUE PORTFOLIO SITTINGS

### Seniors May Make Appointments In Main Lobby Daily

In an effort to secure better work than heretofore, photographic work for the 1928 Technique will be done by the Warren Kay Studio, 304 Boylston St., Boston, it was announced by the Institute's annual Saturday.

For the convenience of Seniors, appointments may be made in the Main Lobby for sittings for the Senior Portfolio photographs, daily from 12 o'clock until 2. Appointments may also be made in the Technique office in Walker up to 6 o'clock. Sittings may be arranged for any hour from 9 o'clock until 12, and from 1 o'clock until 3, daily up till December 1.

Athletic captains and managers, and managing boards of publications must have their pictures taken along with the Seniors. Fraternity and groups pictures, however, will be arranged from the year-book's office as in former years.

### OFFICIAL NOTICE

Classes in courses 16-015 and 16-785 will not be held next Friday morning.

### FENCING

All freshmen interested in fencing as well as Varsity men are requested to report in North Hall either tonight or Wednesday at 5.

## FRESHMEN DISPLAY

### MISERABLE SPIRIT First Year Men Scarce in Tug- of-War Practice Sessions More Expected Today

Where, oh where, are the Tug of War Candidates. The last practice yielded only a mere half-dozen Sophomores with a lone member of the freshman class. This is indeed a miserable showing and perhaps the smallest turnout in years. During the early part of the week there was over a score of Sophomores applying their weight to the rope with three or four frosh eager to grasp the essentials of the hemp pulling sport. True enough, the teams did not get organized until last Friday but instead of the progressive turnout as was anticipated during the week, there has been a diminution of aspirants especially from the freshman class.

Carl J. Bernhardt '28, Supervising Manager of Tug of War has made every effort to stimulate interest in the sport especially among the freshmen. At this time last year, the teams were in the pink of condition and the unusual feature about last year's frosh team was the splendid manner in which they reported. When Field Day came around, there was almost two full teams to pick from. This is perhaps the main reason why the Class of No. '30 won last year's pull. By the looks of things it seems as if the Sophs will walk away with two easy points on Field Day unless the first year men come to their senses and stage a big turnout this afternoon in back of the track house. There is still time left in which to develop a first class freshmen team, and every freshman not out for any other Field Day sport should report this afternoon to Manager Bernhardt in back of the track house ready to practice.

### CADET OFFICERS

There will be a smoker for all cadet officers on Wednesday at 7:15 o'clock in the Faculty Dining Room, Walker.

### CREW FRESHMEN

Freshmen, sign up for crew in place of P. T. before Oct. 26th in Room 335, Walker.

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